AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for packing agricultural produce comprising the steps of:

providing a package including a box ~~container~~ having a plurality of ventilation apertures formed in at least one wall thereof, an interiorly disposed water vapor permeable plastic bag, and at least one sealable localized atmosphere communication ~~communications~~ aperture formed in a wall ~~thereof~~ of said box and communicating with the interior of said bag and a sealing element, located in said at least one sealable localized atmosphere communication aperture, operative to seal said bag to said box;

~~providing at least one flexible controlled permeability bag within said container;~~

providing at least one bag aperture in said at least one ~~flexible controlled permeability~~ bag in general registration with said at least one sealable localized atmosphere communication ~~communications~~ aperture;

sealing said produce inside said at least one ~~flexible controlled permeability~~ bag within said box ~~container~~, while leaving said at least one bag aperture and said at least one sealable localized atmosphere communication ~~communications~~ aperture open;

providing atmosphere treatment within said at least one bag via said at least one bag aperture and said at least one communications aperture; and

sealing ~~at least one aperture selected from the group consisting of~~ said at least one bag aperture and said at least one sealable localized atmosphere communications aperture.

2. (Original) A method for packing agricultural produce according to claim 1 and wherein said atmosphere treatment comprises vacuum cooling.

3. (Original) A method for packing agricultural produce according to claim 1 and wherein said atmosphere treatment comprises fumigation.

4. (Original) A method for packing agricultural produce according to claim 1 and wherein said atmosphere treatment comprises gas treatment.

5. (Original) A method for packing agricultural produce according to claim 2 and wherein said atmosphere treatment comprises fumigation.

6. (Original) A method for packing agricultural produce according to claim 2 and wherein said atmosphere treatment comprises gas treatment.

7. (Original) A method for packing agricultural produce according to claim 3 and wherein said atmosphere treatment comprises gas treatment.

8. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said at least one communication ~~communications~~ aperture ~~formed in a wall thereof~~ is formed in a sealing layer attached to said ~~a~~ wall of said box ~~carton~~.

9. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said ~~flexible controlled permeability~~ bag comprises a gas permeable bag.

10. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said ~~flexible controlled permeability~~ bag comprises a gas permeable bag having selected permeability characteristics adapted to a given type of produce.

11. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said providing at least one bag aperture ~~in said flexible controlled permeability bag in general registration with said at least one communications aperture~~ comprises:

inserting said bag into said box ~~container~~;

at least partially filling said bag with said produce;

attaching said bag to said box ~~container~~ adjacent said at least one communication ~~communications~~ aperture; and

forming an aperture in said bag generally in registration with said at least one communication ~~communications~~ aperture.

12. (Currently Amended) A method for packing agricultural produce according to claim 8 and wherein said providing at least one bag aperture ~~in said flexible controlled permeability bag in general registration with said at least one communications aperture~~ comprises:

inserting said bag into said box ~~container~~;

at least partially filling said bag with said produce;

attaching said bag to said box ~~container~~ adjacent said at least one communication ~~communications~~ aperture; and

forming an aperture in said bag and said sealing layer in a single operation.

13. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said sealing said at least one bag aperture comprises attaching an adhesive sticker over said at least one communication ~~communications~~ aperture from the outside of said container.

14-15. (Cancelled)

16. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said sealing said at least one bag aperture comprises attaching a cap over said at least one communication ~~communications~~ aperture from the outside of said container.

17. (Currently Amended) A system for packing agricultural produce comprising:

at least one package including a box ~~container~~ having a plurality of ventilation apertures formed in at least one wall thereof and at least one sealable localized atmosphere communication ~~communications~~ aperture formed in a wall thereof;

at least one water vapor permeable plastic ~~flexible controlled~~

~~permeability~~ bag within said box ~~container~~, said at least one bag having at least one bag ~~an~~ aperture in general registration with said at least one sealable localized atmosphere communication ~~communications~~ aperture and being adapted for containing said produce inside said at least one flexible controlled permeability bag within said box ~~container~~, while leaving said at least one bag aperture and said at least one sealable localized atmosphere communication ~~communications~~ aperture open;

a sealing element, located in said at least one sealable localized atmosphere communication aperture, operative to seal said bag to said box;

treatment functionality, operative for providing atmosphere treatment within said at least one bag via said at least one bag aperture and said at least one sealable localized atmosphere communication ~~communications~~ aperture; and

sealing functionality for sealing ~~at least one aperture selected from the group consisting of~~ said at least one bag aperture and said at least one sealable localized atmosphere communication ~~communications~~ aperture.

18. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises vacuum cooling.

19. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises fumigation.

20. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises gas treatment.

21. (Original) A system for packing agricultural produce according to claim 18 and wherein said atmosphere treatment also comprises fumigation.

22. (Original) A system for packing agricultural produce according to claim 18 and wherein said atmosphere treatment also comprises gas treatment.

23. (Original) A system for packing agricultural produce according to claim 19 and wherein said atmosphere treatment also comprises gas treatment.

24. (Currently Amended) A system for packing agricultural produce according to claim 17 and wherein said at least one communication ~~communications~~ aperture ~~formed in a wall thereof~~ is formed in a sealing layer attached to a wall of said box ~~carton~~.

25. (Currently Amended) A system for packing agricultural produce according to claim 17 and wherein said ~~flexible controlled permeability~~ bag comprises a modified atmosphere bag.

26. (Currently Amended) A system for packing agricultural produce according to claim 17 and wherein said ~~flexible controlled permeability~~ bag comprises a gas permeable bag having selected permeability characteristics adapted to a given type of produce.

27. (Currently Amended) A system for packing agricultural produce according to claim 17 and wherein said at least one bag aperture is formed in said ~~flexible controlled permeability~~ bag in general registration with said at least one communication ~~communications~~ aperture by the following functionality:

inserting said bag into said box ~~container~~;

at least partially filling said bag with said produce;

attaching said bag to said box ~~container~~ adjacent said at least one communication ~~communications~~ aperture; and

forming an aperture in said bag generally in registration with said at least one communication ~~communications~~ aperture.

28. (Currently Amended) A system for packing agricultural produce according to claim 26 and wherein said at least one bag aperture is formed in said ~~flexible controlled permeability~~ bag in general registration with said at least one communication ~~communications~~ aperture by the following functionality:

inserting said bag into said box ~~container~~;

at least partially filling said bag with said produce;

attaching said bag to said box ~~container~~ adjacent said at least one communication ~~communications~~ aperture; and

forming an aperture in said bag generally in registration with said at least one communication ~~communications~~ aperture.

29. (Currently Amended) A system for packing agricultural produce according to claim 17 and wherein said sealing said at least one bag aperture is effected by the following functionality:

attachment of an adhesive sticker over said at least one communication ~~communications~~ aperture from the outside of said box ~~container~~.

30-33. (Cancelled)